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email: info@statssa.gov.za
www.statssa.gov.za

170 Andries Street • Private Bag X44, 0001 Pretoria, South Africa
Tel: +27(12) 310 8911, Fax: +27(12) 321 7381

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SUMMARY OF FINDINGS: MANUFACTURING PRODUCTION AND SALES

Table A - Selected key figures regarding manufacturing production and sales for December 2007

Estimates	December 2007	% change between December 2006 and December 2007	% change between October 2006 and October 2007	% change between January to December 2006 and January to December 2007
Physical volume of manufacturing production index (2000=100)	109,6	0,3	3,5	4,1
Total value of sales of manufactured products (R million)	86 750	10,8	12,4	15,4

Seasonally adjusted estimates	December 2007	% change between November and December 2007	% change between July to September 2007 and October to December 2007
Physical volume of manufacturing production index (2000=100)	123,6	-2,5	2,5
Total value of sales of manufactured products (R million)	95 562	-2,1	4,6

Key findings regarding manufacturing production and sales for the year 2007

Manufacturing production increases

Manufacturing production for 2007 reflected an increase of 4,1% compared with 2006, but this was lower than the 4,8% annual rise registered in 2006. Higher production was reported by nine of the ten manufacturing divisions in 2007 with the motor vehicles, parts and accessories and other transport equipment division being the only division to show a decline.

The major contributor to the annual increase of 4,1% was the petroleum, chemical products, rubber and plastic products division (contributing +1,6 percentage points), followed by the basic iron and steel, non-ferrous metal products, metal products and machinery division (contributing +1,0 percentage point), the food and beverages division (contributing +0,7 of a percentage point) and the furniture and 'other' manufacturing division (contributing +0,3 of a percentage point) (see Table 10).

Sales of manufactured products increase

The total value of sales of manufactured products at current prices for 2007 increased by 15,4% (+R149 822 million) compared with 2006. Increases in manufacturing sales were reported by all ten manufacturing divisions.

The largest contributing increases were reported by the petroleum, chemical products, rubber and plastic products division (+18,8% or +R37 400 million) division, the basic iron and steel, non-ferrous metal products, metal products and machinery division (+18,5% or +R39 304 million) and the food and beverages division (+17,0% or +R27 674 million) (see Table 10).

Key findings regarding manufacturing production and sales for December 2007

Manufacturing production increases

The estimated seasonally adjusted manufacturing production for the fourth quarter of 2007 increased by 2,5% compared with the third quarter of 2007. Higher production levels were reported by six of the ten manufacturing divisions.

The major contributor to the seasonally adjusted increase of 2,5% in total manufacturing production for the fourth quarter of 2007 compared with the third quarter of 2007 was the motor vehicles, parts and accessories and other transport equipment division (contributing +1,4 percentage points), followed by the petroleum, chemical products, rubber and plastic products division (contributing +1,2 percentage points) and the furniture and 'other' manufacturing division (contributing 0,3 of a percentage point). However, these increases were partially counteracted by decreases reported by the food and beverages division (contributing -0,3 of a percentage point) and the basic iron and steel, non-ferrous metal products, metal products and machinery division (contributing -0,2 of a percentage point) (see Table B).

Figure 1 shows the seasonally adjusted and trend series for the volume index of manufacturing production between January 2001 and December 2007. The trend series rose between mid-2003 and September 2004, and moved sideways up to December 2004. It resumed its upward trend in 2005.

Figure 1 – Index of the physical volume of manufacturing production

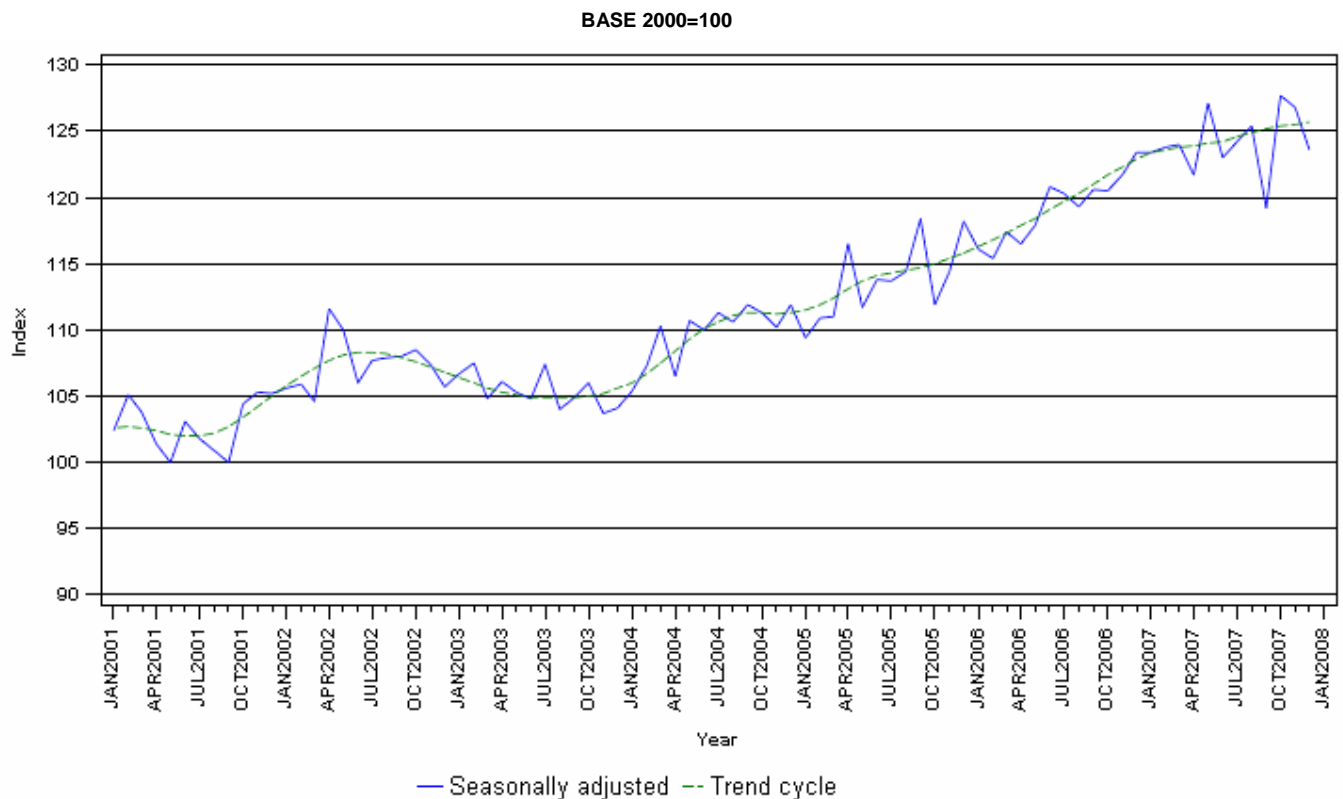


Table B - Contribution of manufacturing divisions and major groups to the total of seasonally adjusted manufacturing production

(Base 2000=100)

Manufacturing divisions and major groups	Percentage contribution to total manufacturing production using the weights according to large sample survey of the manufacturing industry, 2001	Average seasonally adjusted production index for July to September 2007	Average seasonally adjusted production index for October 2007 to December 2007	Quarterly percentage change of October 2007 to December 2007 compared with the preceding three months	Contribution (percentage points) to the seasonally adjusted quarterly percentage change in total manufacturing production 1/
Food and beverages	16,4	125,3	123,2	-1,7	-0,3
-Food and food products	12,1	118,7	116,0	-2,3	-0,3
-Beverages	4,3	143,7	143,4	-0,2	0,0
Textiles, clothing, leather and footwear	5,4	103,7	104,6	0,9	0,0
-Textiles	2,4	99,8	99,0	-0,8	0,0
-Wearing apparel	2,3	111,0	113,4	2,2	0,1
-Leather and leather products	0,3	108,6	104,0	-4,2	0,0
-Footwear	0,4	84,0	89,1	6,1	0,0
Wood and wood products, paper, publishing and printing	11,0	117,2	118,2	0,9	0,1
-Wood and products of wood	1,7	128,5	119,8	-6,8	-0,1
-Paper and paper products	4,8	111,5	115,7	3,8	0,2
-Publishing and printing	4,6	118,8	120,1	1,1	0,1
Petroleum, chemical products, rubber and plastic products	22,5	123,8	130,4	5,3	1,2
-Coke, petroleum products and nuclear fuel	9,1	99,3	108,3	9,1	0,8
-Basic chemicals	4,0	140,9	144,0	2,2	0,1
-Other chemical products	5,4	138,4	140,0	1,2	0,1
-Rubber products	1,1	75,2	86,3	14,8	0,2
-Plastic products	3,0	168,2	179,6	6,8	0,2
Glass and non-metallic mineral products	3,9	133,0	134,8	1,4	0,1
-Glass and glass products	1,1	151,5	157,0	3,6	0,0
-Non-metallic mineral products	2,9	126,1	126,5	0,3	0,0
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	125,8	124,4	-1,1	-0,2
-Basic iron and steel products	5,5	109,2	108,9	-0,3	0,0
-Basic precious, non-ferrous metal products	4,7	118,9	118,6	-0,3	0,0
-Fabricated metal products	5,5	141,6	139,3	-1,6	-0,1
-Machinery and equipment	6,7	131,6	129,2	-1,8	-0,1
Electrical machinery	2,7	107,2	106,6	-0,6	0,0
Radio, television and communication apparatus and professional equipment	1,3	119,2	115,3	-3,3	0,0
-Radio, television and communication apparatus	0,7	99,1	99,1	0,0	0,0
-Professional equipment	0,6	139,6	131,9	-5,5	0,0
Motor vehicles, parts and accessories and other transport equipment	8,6	131,7	153,2	16,3	1,4
-Motor vehicles, trailers, parts and accessories	7,6	135,4	160,0	18,2	1,4
-Other transport equipment	1,0	103,0	100,6	-2,3	0,0
Furniture and other manufacturing division	5,8	118,7	124,0	4,5	0,3
-Furniture	1,6	141,0	147,5	4,6	0,1
-Other manufacturing groups	4,2	110,4	115,1	4,3	0,2
Total	100,0	122,9	126,0	2,5	2,5

1/ The contribution is calculated by multiplying the quarterly percentage change of each manufacturing group or division with its corresponding weight in the base year, divided by 100.

Sales of manufactured products increase

The estimated total value of sales of manufactured products at current prices for the fourth quarter of 2007 increased by 4,6% (R12 806 million), after seasonal adjustment, compared with the third quarter of 2007. Higher manufacturing sales were reported by eight of the ten manufacturing divisions during this period (see Table C).

The seasonally adjusted increase of 4,6% in the total value of sales of manufactured products at current prices for the fourth quarter of 2007 compared with the third quarter of 2007 was mainly due to increases reported for the petroleum, chemical products, rubber and plastic products division (+9,4% or + R5 529 million), the motor vehicles, parts and accessories and other transport equipment division (+8,7% or + R3 615 million) and the food and beverages division (+4,4% or +R2 104 million) (see Table C).

Table C - Contribution of the manufacturing divisions and major groups to the total value of seasonally adjusted sales of manufactured products at current prices

Manufacturing divisions and major groups	Seasonally adjusted sales July to September 2007	Seasonally adjusted sales October to December 2007	Percentage change between July to September 2007 and October to December 2007	Difference in seasonally adjusted sales of manufacturing divisions between July to September 2007 and October to December 2007
	R '000	R '000		R '000
Food and beverages	48 167 392	50 271 136	4,4	2 103 744
-Food and food products	35 671 595	37 381 717	4,8	1 710 122
-Beverages	12 495 799	12 889 419	3,2	393 620
Textiles, clothing, leather and footwear	10 352 192	10 651 180	2,9	298 988
-Textiles	4 347 331	4 351 566	0,1	4 235
-Wearing apparel	4 074 742	4 302 238	5,6	227 496
-Leather and leather products	1 238 210	1 234 226	-0,3	-3 984
-Footwear	691 910	763 149	10,3	71 239
Wood and wood products, paper, publishing and printing	23 605 220	24 018 598	1,8	413 378
-Wood and products of wood	5 225 067	5 197 041	-0,5	-28 026
-Paper and paper products	10 053 199	10 410 676	3,6	357 477
-Publishing and printing	8 326 955	8 410 880	1,0	83 925
Petroleum, chemicals products, rubber and plastic products	58 544 090	64 073 308	9,4	5 529 218
-Coke, petroleum products and nuclear fuel	20 852 755	25 144 067	20,6	4 291 312
-Basic chemicals	13 352 494	13 332 651	-0,1	-19 843
-Other chemical products	13 688 854	14 017 940	2,4	329 086
-Rubber products	2 375 135	2 666 273	12,3	291 138
-Plastic products	8 274 853	8 912 376	7,7	637 523
Glass and non-metallic mineral products	8 138 187	8 273 315	1,7	135 128
-Glass and glass products	1 401 303	1 479 974	5,6	78 671
-Non-metallic mineral products	6 736 884	6 793 340	0,8	56 456
Basic iron and steel, non-ferrous metal products, metal products and machinery	62 300 164	62 889 981	0,9	589 817
-Basic iron and steel products	23 818 860	25 028 136	5,1	1 209 276
-Basic precious, non-ferrous metal products	9 720 304	9 360 324	-3,7	-359 980
-Fabricated metal products	14 081 117	13 896 600	-1,3	-184 517
-Machinery and equipment	14 679 883	14 604 921	-0,5	-74 962
Electrical machinery	8 812 747	8 796 030	-0,2	-16 717
Radio, television and communication apparatus and professional equipment	3 666 332	3 494 300	-4,7	-172 032
-Radio, television and communication apparatus	2 077 671	1 962 313	-5,6	-115 358
-Professional equipment	1 588 661	1 531 988	-3,6	-56 673
Motor vehicles, parts and accessories and other transport equipment	41 682 660	45 297 442	8,7	3 614 782
-Motor vehicles, trailers, parts and accessories	38 402 515	42 021 428	9,4	3 618 913
-Other transport equipment	3 280 145	3 276 013	-0,1	-4 132
Furniture and other manufacturing division	13 261 440	13 571 139	2,3	309 699
-Furniture	2 881 676	3 061 037	6,2	179 361
-Other manufacturing groups	10 379 763	10 510 103	1,3	130 340
Total	278 530 424	291 336 428	4,6	12 806 004

The value of sales of manufactured products at current prices for the fourth quarter of 2007 was 12,4% (R33 348 million) higher than for the fourth quarter of 2006 (see Table D).

The major contributors to the increase of 12,4% in sales of manufactured products at current prices for the fourth quarter of 2007 compared with the fourth quarter of 2006 were the petroleum, chemical products, rubber and plastic products division (+4,1 percentage points or +R11 146 million), the food and beverages division (+3,2 percentage points or +R8 571 million), the basic iron and steel, non-ferrous metal products, metal products and machinery division (+1,7 percentage points or +R4 692 million) and the motor vehicles, parts and accessories and other transport equipment division (+1,3 percentage points or +R3 535 million) (see Table D).

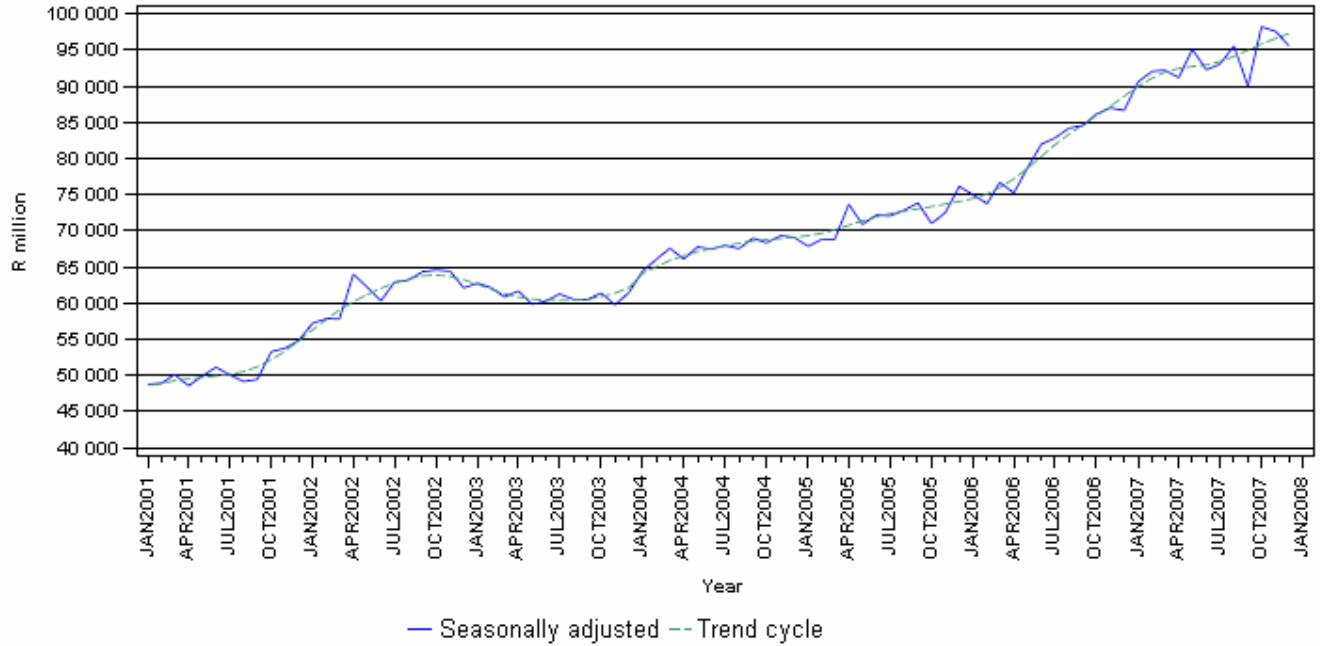
Table D - Contribution of the manufacturing divisions and major groups to total value of sales of manufactured products at current prices

Manufacturing divisions and major groups	Percentage contribution to total value of sales of manufactured products October 2006 to December 2006	Percentage change between October 2006 to December 2006 and October 2006 to December 2007	Contribution (percentage points) to the percentage change in the total value of sales of manufactured products 1/	Difference in sales of manufacturing divisions between October 2006 to December 2006 and October 2006 to December 2007
				R '000
Food and beverages	17,2	18,4	3,2	8 571 086
-Food and food products	12,4	20,1	2,5	6 692 103
-Beverages	4,9	14,3	0,7	1 878 983
Textiles, clothing, leather and footwear	3,8	8,3	0,3	861 690
-Textiles	1,6	3,6	0,1	155 086
-Wearing apparel	1,6	11,5	0,2	481 959
-Leather and leather products	0,4	9,2	0,0	104 127
-Footwear	0,3	16,3	0,0	120 518
Wood and wood products, paper, publishing and printing	8,6	7,7	0,7	1 800 834
-Wood and products of wood	1,8	8,8	0,2	430 712
-Paper and paper products	3,7	5,7	0,2	578 913
-Publishing and printing	3,1	9,5	0,3	791 209
Petroleum, chemicals products, rubber and plastic products	20,5	20,1	4,1	11 145 524
-Coke, petroleum products and nuclear fuel	7,1	32,3	2,3	6 156 127
-Basic chemicals	4,6	13,9	0,6	1 747 085
-Other chemical products	5,0	10,0	0,5	1 350 358
-Rubber products	0,9	6,5	0,1	162 625
-Plastic products	2,9	22,3	0,6	1 729 329
Glass and non-metallic mineral products	2,9	8,8	0,3	689 188
-Glass and glass products	0,6	4,2	0,0	66 192
-Non-metallic mineral products	2,3	9,9	0,2	622 996
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,2	7,8	1,7	4 692 313
-Basic iron and steel products	8,7	7,5	0,7	1 764 178
-Basic precious, non-ferrous metal products	3,5	3,9	0,1	365 680
-Fabricated metal products	4,6	14,9	0,7	1 845 993
-Machinery and equipment	5,4	4,9	0,3	716 462
Electrical machinery	3,1	7,5	0,2	637 231
Radio, television and communication apparatus and professional equipment	1,3	3,4	0,0	118 464
-Radio, television and communication apparatus	0,8	-2,5	0,0	-52 629
-Professional equipment	0,5	12,5	0,1	171 093
Motor vehicles, parts and accessories and other transport equipment	15,4	8,5	1,3	3 534 891
-Motor vehicles, trailers, parts and accessories	14,3	8,5	1,2	3 301 887
-Other transport equipment	1,1	7,8	0,1	233 004
Furniture and other manufacturing division	4,8	9,9	0,5	1 297 262
-Furniture	1,2	5,0	0,1	163 212
-Other manufacturing groups	3,6	11,6	0,4	1 134 050
Total	100,0	12,4	12,4	33 348 483

1/ The contribution (percentage points) is calculated by multiplying the percentage change of each manufacturing major group or division with the percentage contribution of the same major group or division during corresponding period in 2006, divided by 100.

Figure 2 shows the seasonally adjusted and trend series for sales of manufactured products between January 2001 and December 2007. Since late 2003 the trend has generally moved upwards.

Figure 2 - Total value of sales of manufactured products at current prices



P J Lehohla
Statistician-General

Detailed results: Tables

Table 1 - Index of the physical volume of manufacturing production: Total

Base 2000 = 100

Month	2001	2002	2003	2004	2005	2006	2007
Jan	91,1	93,7	94,4	93,1	96,2	101,7	107,6
Feb	102,7	103,6	104,3	103,6	106,3	110,1	118,2
Mar	106,8	108,2	108,4	114,1	114,9	121,4	128,3
Apr	95,3	104,4	100,0	100,3	109,2	109,2	113,9
May	100,2	110,3	105,7	111,6	112,8	118,9	128,1
Jun	104,0	106,7	105,3	110,5	114,3	121,4	123,7
Jul	102,8	108,8	108,7	113,0	115,5	122,2	126,1
Aug	102,3	109,8	106,3	113,7	118,2	123,8	130,1
Sep	103,1	111,4	108,7	116,0	122,9	125,5	123,9
Oct	114,9	119,6	116,7	122,5	123,2	132,6	1/ 140,2
Nov	117,6	119,8	114,9	122,3	127,1	135,4	1/ 140,9
Dec	92,5	92,7	91,5	99,0	104,6	109,3	1/ 109,6
Year	102,8	107,4	105,4	110,0	113,8	119,3	124,2

1/ Preliminary.

Table 2 - Percentage change in the index of the physical volume of manufacturing production: Total

Month	2001	2002	2003	2004	2005	2006	2007
Jan	-	2,9	0,7	-1,4	3,3	5,7	5,8
Feb	-	0,9	0,7	-0,7	2,6	3,6	7,4
Mar	-	1,3	0,2	5,3	0,7	5,7	5,7
Apr	-	9,5	-4,2	0,3	8,9	0,0	4,3
May	-	10,1	-4,2	5,6	1,1	5,4	7,7
Jun	-	2,6	-1,3	4,9	3,4	6,2	1,9
Jul	-	5,8	-0,1	4,0	2,2	5,8	3,2
Aug	-	7,3	-3,2	7,0	4,0	4,7	5,1
Sep	-	8,1	-2,4	6,7	5,9	2,1	-1,3
Oct	-	4,1	-2,4	5,0	0,6	7,6	5,7
Nov	-	1,9	-4,1	6,4	3,9	6,5	4,1
Dec	-	0,2	-1,3	8,2	5,7	4,5	0,3
Year	-	4,5	-1,9	4,4	3,5	4,8	4,1

The percentage change is the change in the index of the physical volume of manufacturing production of the relevant year compared with the index of physical volume of manufacturing production of the previous year expressed as a percentage.

Table 3 – Seasonally adjusted index of the physical volume of manufacturing production: Total

Month	2001	2002	2003	2004	2005	2006	2007
Jan	102,6	105,8	107,0	105,4	109,4	116,1	123,4
Feb	105,1	105,9	107,6	107,3	110,9	115,4	123,8
Mar	103,7	104,6	104,8	110,3	111,0	117,4	124,0
Apr	101,6	112,0	106,9	106,5	116,5	116,5	121,7
May	99,9	109,9	105,1	110,7	111,7	117,9	127,1
Jun	103,2	106,0	104,8	110,0	113,8	120,8	123,0
Jul	101,6	107,5	107,2	111,3	113,7	120,3	124,2
Aug	100,9	107,7	103,8	110,6	114,4	119,3	125,4
Sep	100,0	108,0	105,1	111,9	118,4	120,6	119,2
Oct	104,3	108,6	106,0	111,3	111,9	120,5	127,7
Nov	105,4	107,6	103,7	110,2	114,4	121,7	126,8
Dec	104,9	105,2	103,1	111,9	118,2	123,4	123,6

Table 4a - Indices of the physical volume of manufacturing production according to manufacturing divisions and major groups

Base 2000 = 100

Manufacturing divisions and major groups	Weights	Year 2007	Indices			Seasonally adjusted indices		
			December 2006	1/ November 2007	1/ December 2007	December 2006	November 2007	December 2007
Food and beverages	16,4	124,5	126,6	135,6	125,4	121,2	124,0	119,5
-Meat, fish, fruit etc.	2,6	130,6	128,6	132,6	128,8	126,0	128,4	126,1
-Dairy products	1,1	112,3	125,0	120,2	119,4	113,0	110,7	107,9
-Grain mill products	1,5	129,2	127,8	132,0	123,7	129,3	127,3	125,1
-Other food products	6,8	111,2	100,5	125,5	95,9	110,7	109,7	105,4
-Beverages	4,3	143,3	166,5	158,9	172,3	134,0	146,5	138,7
Textiles, clothing, leather and footwear	5,4	102,3	78,0	127,3	77,6	103,0	108,2	101,7
-Textiles	1,2	80,0	53,7	98,4	46,1	84,6	88,6	72,5
-Other textile products	1,2	118,8	94,6	150,0	88,0	124,4	121,7	116,2
-Knitted, crocheted articles	0,3	81,8	58,0	82,5	52,1	86,7	78,4	77,5
-Wearing apparel	2,0	113,6	89,5	147,1	98,1	108,6	121,5	119,1
-Leather and leather products	0,3	101,6	83,4	111,9	75,4	107,0	106,1	96,3
-Footwear	0,4	84,8	60,1	101,3	64,3	81,1	88,4	87,3
Wood and wood products, paper, publishing and printing	11,0	117,6	110,1	135,9	108,0	120,6	119,6	117,8
-Sawmilling and planing of wood	0,7	116,8	90,2	120,7	83,0	117,5	109,5	108,1
-Products of wood	1,0	133,7	101,6	154,3	86,2	132,4	131,5	112,8
-Paper and paper products	4,8	113,4	112,8	130,0	110,0	119,4	117,3	116,5
-Publishing	2,4	124,8	125,9	142,5	129,4	126,8	125,5	129,6
-Printing, recorded media	2,1	111,6	96,4	137,8	97,5	111,7	115,5	112,9
Petroleum, chemical products, rubber and plastic products	22,5	124,1	112,9	144,8	116,5	122,0	133,4	125,4
-Coke, petroleum products and nuclear fuel	9,1	97,0	99,1	107,6	106,5	96,7	111,7	103,9
-Basic chemicals	4,0	142,3	132,3	166,5	137,6	139,3	145,6	145,0
-Other chemical products	5,4	139,8	122,0	166,9	114,5	137,1	147,4	128,5
-Rubber products	1,1	82,9	62,0	93,7	56,4	94,9	85,1	86,2
-Plastic products	3,0	170,4	132,5	210,0	145,5	159,4	177,3	174,8
Glass and non-metallic mineral products	3,9	136,5	113,9	156,1	111,1	136,3	136,8	132,7
-Glass and glass products	1,1	155,2	149,0	186,6	151,5	159,9	154,6	162,2
-Non-metallic mineral products	2,9	129,5	100,8	144,8	96,1	127,6	130,1	121,8
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	126,3	111,4	133,6	109,1	126,0	123,5	123,2
-Basic iron and steel products	5,5	111,8	103,1	106,8	105,4	110,9	104,6	113,2
-Non-ferrous metal products	4,7	118,9	120,9	120,0	115,3	125,6	117,0	119,3
-Structural metal products	1,3	137,2	96,3	163,4	106,8	127,3	142,7	141,4
-Other fabricated metal products	4,2	140,7	105,1	157,9	99,9	132,6	140,9	126,2
-General purpose machinery	2,4	119,9	105,5	130,8	106,1	120,6	118,7	120,5
-Special purpose machinery	3,2	142,6	134,3	154,5	130,0	145,2	140,4	140,5
-Household appliances	1,2	130,1	104,1	145,7	89,1	135,1	120,8	114,8
-Electrical machinery	2,7	106,7	91,1	123,0	81,8	109,8	108,8	98,4
Radio, television and communication apparatus and professional equipment	1,3	116,8	102,3	132,5	99,4	111,4	120,4	108,7
-Radio, television and communication apparatus	0,7	100,1	95,2	118,4	90,5	100,6	104,3	96,1
-Professional equipment	0,6	133,8	109,5	146,9	108,4	122,5	136,8	121,6
Motor vehicles, parts and accessories and other transport equipment	8,6	144,7	92,8	169,4	97,1	142,6	148,2	149,9
-Motor vehicles	4,1	140,7	91,3	173,0	90,2	148,9	146,4	147,3
-Bodies for motor vehicles, trailers and semi-trailers	0,4	217,2	144,4	266,1	132,3	200,8	216,4	187,2
-Parts and accessories	3,1	154,6	89,5	173,5	107,4	138,1	157,2	165,9
-Other transport equipment	1,0	103,1	90,2	105,5	80,2	108,5	101,7	96,3
Furniture and other manufacturing division	5,8	119,9	96,5	148,2	105,5	121,5	123,8	131,6
-Furniture	1,6	142,7	116,0	194,9	120,3	145,9	149,2	150,7
-Other manufacturing groups	4,2	111,3	89,1	130,7	100,0	112,3	114,2	124,3
Total	100,0	124,2	109,3	140,9	109,6	123,4	126,8	123,6

1/ Preliminary.

Table 4b - Indices of the physical volume of manufacturing production according to manufacturing divisions and major groups (concluded)

Base 2000 = 100

Manufacturing divisions and major groups	Weights	Year 2007	Indices			Seasonally adjusted indices		
			December 2006	1/ December 2007	Percentage difference between December 2006 and December 2007	November 2007	December 2007	Percentage difference between November and December 2007
Food and beverages	16,4	124,5	126,6	125,4	-0,9	124,0	119,5	-3,6
-Meat, fish, fruit etc.	2,6	130,6	128,6	128,8	0,2	128,4	126,1	-1,8
-Dairy products	1,1	112,3	125,0	119,4	-4,5	110,7	107,9	-2,5
-Grain mill products	1,5	129,2	127,8	123,7	-3,2	127,3	125,1	-1,7
-Other food products	6,8	111,2	100,5	95,9	-4,6	109,7	105,4	-3,9
-Beverages	4,3	143,3	166,5	172,3	3,5	146,5	138,7	-5,3
Textiles, clothing, leather and footwear	5,4	102,3	78,0	77,6	-0,5	108,2	101,7	-6,0
-Textiles	1,2	80,0	53,7	46,1	-14,2	88,6	72,5	-18,2
-Other textile products	1,2	118,8	94,6	88,0	-7,0	121,7	116,2	-4,5
-Knitted, crocheted articles	0,3	81,8	58,0	52,1	-10,2	78,4	77,5	-1,1
-Wearing apparel	2,0	113,6	89,5	98,1	9,6	121,5	119,1	-2,0
-Leather and leather products	0,3	101,6	83,4	75,4	-9,6	106,1	96,3	-9,2
-Footwear	0,4	84,8	60,1	64,3	7,0	88,4	87,3	-1,2
Wood and wood products, paper, publishing and printing	11,0	117,6	110,1	108,0	-1,9	119,6	117,8	-1,5
-Sawmilling and planing of wood	0,7	116,8	90,2	83,0	-8,0	109,5	108,1	-1,3
-Products of wood	1,0	133,7	101,6	86,2	-15,2	131,5	112,8	-14,2
-Paper and paper products	4,8	113,4	112,8	110,0	-2,5	117,3	116,5	-0,7
-Publishing	2,4	124,8	125,9	129,4	2,8	125,5	129,6	3,3
-Printing, recorded media	2,1	111,6	96,4	97,5	1,1	115,5	112,9	-2,3
Petroleum, chemical products, rubber and plastic products	22,5	124,1	112,9	116,5	3,2	133,4	125,4	-6,0
-Coke, petroleum products and nuclear fuel	9,1	97,0	99,1	106,5	7,5	111,7	103,9	-7,0
-Basic chemicals	4,0	142,3	132,3	137,6	4,0	145,6	145,0	-0,4
-Other chemical products	5,4	139,8	122,0	114,5	-6,1	147,4	128,5	-12,8
-Rubber products	1,1	82,9	62,0	56,4	-9,0	85,1	86,2	1,3
-Plastic products	3,0	170,4	132,5	145,5	9,8	177,3	174,8	-1,4
Glass and non-metallic mineral products	3,9	136,5	113,9	111,1	-2,5	136,8	132,7	-3,0
-Glass and glass products	1,1	155,2	149,0	151,5	1,7	154,6	162,2	4,9
-Non-metallic mineral products	2,9	129,5	100,8	96,1	-4,7	130,1	121,8	-6,4
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	126,3	111,4	109,1	-2,1	123,5	123,2	-0,2
-Basic iron and steel products	5,5	111,8	103,1	105,4	2,2	104,6	113,2	8,2
-Non-ferrous metal products	4,7	118,9	120,9	115,3	-4,6	117,0	119,3	2,0
-Structural metal products	1,3	137,2	96,3	106,8	10,9	142,7	141,4	-0,9
-Other fabricated metal products	4,2	140,7	105,1	99,9	-4,9	140,9	126,2	-10,4
-General purpose machinery	2,4	119,9	105,5	106,1	0,6	118,7	120,5	1,5
-Special purpose machinery	3,2	142,6	134,3	130,0	-3,2	140,4	140,5	0,1
-Household appliances	1,2	130,1	104,1	89,1	-14,4	120,8	114,8	-5,0
Electrical machinery	2,7	106,7	91,1	81,8	-10,2	108,8	98,4	-9,6
Radio, television and communication apparatus and professional equipment	1,3	116,8	102,3	99,4	-2,8	120,4	108,7	-9,7
-Radio, television and communication apparatus	0,7	100,1	95,2	90,5	-4,9	104,3	96,1	-7,9
-Professional equipment	0,6	133,8	109,5	108,4	-1,0	136,8	121,6	-11,1
Motor vehicles, parts and accessories and other transport equipment	8,6	144,7	92,8	97,1	4,6	148,2	149,9	1,1
-Motor vehicles	4,1	140,7	91,3	90,2	-1,2	146,4	147,3	0,6
-Bodies for motor vehicles, trailers and semi-trailers	0,4	217,2	144,4	132,3	-8,4	216,4	187,2	-13,5
-Parts and accessories	3,1	154,6	89,5	107,4	20,0	157,2	165,9	5,5
-Other transport equipment	1,0	103,1	90,2	80,2	-11,1	101,7	96,3	-5,3
Furniture and other manufacturing division	5,8	119,9	96,5	105,5	9,3	123,8	131,6	6,3
-Furniture	1,6	142,7	116,0	120,3	3,7	149,2	150,7	1,0
-Other manufacturing groups	4,2	111,3	89,1	100,0	12,2	114,2	124,3	8,8
Total	100,0	124,2	109,3	109,6	0,3	126,8	123,6	-2,5

1/ Preliminary.

Table 5 – Total estimated sales of the manufacturing industry at current prices (R'000)

Month	2001	2002	2003	2004	2005	2006	2007
Jan	41 747 728	49 152 814	54 016 877	54 677 576	57 579 366	63 693 706	77 253 608
Feb	48 334 918	57 530 894	61 544 562	63 772 089	66 251 198	70 758 982	88 142 916
Mar	53 257 283	61 291 760	64 082 291	69 432 309	70 644 727	78 541 964	94 413 107
Apr	46 657 871	61 619 502	59 904 600	62 483 652	69 282 353	70 410 213	85 289 603
May	51 101 993	63 820 095	61 503 788	68 142 813	71 278 474	79 112 653	95 842 149
Jun	53 043 041	62 396 131	62 129 864	67 898 336	72 555 903	82 365 603	92 828 745
Jul	50 801 720	64 152 749	62 617 180	68 406 575	72 671 036	83 516 902	93 655 073
Aug	50 963 191	65 615 474	62 622 871	69 213 723	75 018 367	87 085 746	98 909 157
Sep	52 013 557	68 068 479	64 217 058	72 338 062	77 775 725	89 103 179	94 727 802
Oct	59 549 781	72 388 326	68 820 949	74 868 256	77 778 702	94 226 447	1/ 107 196 220
Nov	60 777 044	72 814 163	67 559 894	77 110 142	81 266 703	97 461 923	1/ 109 406 551
Dec	51 925 638	58 364 614	57 324 718	63 142 536	69 279 984	78 315 754	1/ 86 749 836
Year	620 173 765	757 215 001	746 344 652	811 486 069	861 382 538	974 593 072	1 124 414 767

1/ Preliminary.

Table 6 - Percentage change in the value of sales of the manufacturing industry: Total

Month	2001	2002	2003	2004	2005	2006	2007
Jan	-	17,7	9,9	1,2	5,3	10,6	21,3
Feb	-	19,0	7,0	3,6	3,9	6,8	24,6
Mar	-	15,1	4,6	8,3	1,7	11,2	20,2
Apr	-	32,1	-2,8	4,3	10,9	1,6	21,1
May	-	24,9	-3,6	10,8	4,6	11,0	21,1
Jun	-	17,6	-0,4	9,3	6,9	13,5	12,7
Jul	-	26,3	-2,4	9,2	6,2	14,9	12,1
Aug	-	28,8	-4,6	10,5	8,4	16,1	13,6
Sep	-	30,9	-5,7	12,6	7,5	14,6	6,3
Oct	-	21,6	-4,9	8,8	3,9	21,1	13,8
Nov	-	19,8	-7,2	14,1	5,4	19,9	12,3
Dec	-	12,4	-1,8	10,1	9,7	13,0	10,8
Year	-	22,1	-1,4	8,7	6,1	13,1	15,4

The percentage change is the change in the sales of the manufacturing industry of the relevant year compared with the sales of the previous year expressed as a percentage.

Table 7 – Total seasonally adjusted sales of the manufacturing industry (R'000)

Month	2001	2002	2003	2004	2005	2006	2007
Jan	49 596 541	58 254 325	63 897 002	64 437 872	67 844 080	74 968 512	90 584 178
Feb	49 700 493	59 172 300	63 493 709	66 073 183	68 827 001	73 734 530	92 039 034
Mar	51 039 288	59 000 894	62 074 466	67 572 536	68 815 696	76 681 379	92 193 396
Apr	49 501 965	65 460 347	63 436 834	66 092 435	73 651 971	75 222 738	91 179 294
May	50 801 791	63 390 344	61 110 587	67 748 151	70 875 848	78 663 145	95 080 771
Jun	52 071 032	61 493 853	61 526 152	67 452 915	72 152 863	81 960 433	92 270 383
Jul	50 921 878	64 130 519	62 458 419	67 964 907	72 055 570	82 813 560	93 020 499
Aug	50 147 061	64 456 723	61 393 595	67 524 519	72 806 759	84 187 288	95 532 823
Sep	50 199 173	65 469 848	61 442 671	68 972 892	73 850 672	84 536 673	89 977 102
Oct	54 170 805	65 995 806	62 747 487	68 327 556	70 997 099	86 138 557	98 195 885
Nov	54 700 893	65 652 940	60 763 975	69 309 109	72 521 157	86 984 717	97 578 168
Dec	56 129 889	63 459 178	62 594 177	69 082 905	76 122 750	86 616 440	95 562 375

Table 8a - Sales of manufactured products according to manufacturing divisions and major groups (R'000)

Manufacturing divisions and major groups	Year 2007	Actual values			Seasonally adjusted values		
		December 2006	1/ November 2007	1/ December 2007	December 2006	November 2007	December 2007
Food and beverages	190 647 481	16 008 928	18 587 520	18 529 951	14 160 286	16 923 651	16 449 946
-Meat, fish, fruit etc.	48 493 812	3 953 205	4 535 995	4 498 388	3 690 666	4 185 171	4 197 934
-Dairy products	16 376 318	1 402 487	1 589 152	1 543 440	1 261 757	1 473 646	1 389 012
-Grain mill products	35 313 726	2 532 492	3 448 890	3 299 350	2 421 617	3 236 329	3 159 059
-Other food products	40 351 907	3 046 936	4 266 448	3 458 168	3 023 777	3 711 563	3 435 126
-Beverages	50 111 718	5 073 808	4 747 035	5 730 605	3 762 469	4 316 942	4 268 815
Textiles, clothing, leather and footwear	41 367 661	2 704 300	4 316 986	2 811 636	3 385 131	3 583 970	3 496 178
-Textiles	6 542 391	395 752	645 715	363 730	576 783	570 003	530 189
-Other textile products	10 763 295	685 833	1 114 545	655 798	880 819	911 651	848 200
-Knitted, crocheted articles	1 790 674	111 881	160 263	101 786	157 839	144 742	142 960
-Wearing apparel	14 642 522	1 004 888	1 631 048	1 150 611	1 148 530	1 281 363	1 316 008
-Leather and leather products	4 815 687	309 871	439 173	318 342	393 204	417 679	402 303
-Footwear	2 813 092	196 075	326 242	221 369	227 956	258 532	256 518
Wood and wood products, paper, publishing and printing	93 708 422	6 860 576	9 271 774	7 162 381	7 598 225	8 124 166	7 949 383
-Sawmilling and planing of wood	6 229 337	393 551	604 908	403 005	496 706	538 775	509 954
-Products of wood	14 195 946	861 104	1 427 924	924 403	1 111 413	1 208 894	1 198 647
-Paper and paper products	40 522 049	3 183 222	3 872 313	3 274 970	3 375 017	3 521 895	3 484 051
-Publishing	14 340 029	1 151 075	1 384 313	1 215 460	1 170 138	1 212 622	1 229 525
-Printing, recorded media	18 421 061	1 271 624	1 982 316	1 344 543	1 444 951	1 641 979	1 527 206
Petroleum, chemical products, rubber and plastic products	236 864 821	16 135 170	23 676 197	19 961 999	17 618 059	21 253 666	21 651 254
-Coke, petroleum products and nuclear fuel	86 358 423	5 766 143	8 440 100	8 740 728	5 917 145	8 234 489	8 961 597
-Basic chemicals	51 892 968	3 582 012	5 180 876	3 925 100	4 009 656	4 415 086	4 415 508
-Other chemical products	54 784 494	3 968 114	5 528 675	4 099 729	4 364 450	4 783 978	4 507 869
-Rubber products	10 222 778	705 902	1 006 479	665 544	877 441	881 658	831 201
-Plastic products	33 606 158	2 112 999	3 520 067	2 530 898	2 449 367	2 938 455	2 935 079
Glass and non-metallic mineral products	32 977 960	2 022 684	3 254 891	2 146 565	2 563 482	2 813 417	2 724 239
-Glass and glass products	5 844 975	451 214	615 508	472 001	494 014	490 148	514 481
-Non-metallic mineral products	27 132 985	1 571 470	2 639 383	1 674 564	2 069 468	2 323 269	2 209 758
Basic iron and steel, non-ferrous metal products, metal products and machinery	251 237 081	17 119 862	23 260 977	17 983 846	19 255 417	21 149 932	20 275 512
-Basic iron and steel products	98 919 595	6 718 918	8 987 259	7 342 778	7 614 859	8 434 724	8 330 595
-Non-ferrous metal products	38 924 975	2 912 235	3 523 436	2 768 762	2 950 906	3 229 667	2 826 115
-Structural metal products	18 316 152	1 048 788	1 851 044	1 169 589	1 343 054	1 624 217	1 499 157
-Other fabricated metal products	36 531 174	2 182 760	3 551 249	2 174 501	2 683 505	3 083 584	2 675 446
-General purpose machinery	21 924 770	1 548 884	2 015 815	1 708 228	1 668 060	1 820 234	1 848 195
-Special purpose machinery	26 731 235	2 036 396	2 374 005	2 216 603	2 155 718	2 170 341	2 344 443
-Household appliances	9 889 180	671 881	958 169	603 385	839 315	787 165	751 560
-Electrical machinery	35 171 377	2 381 648	3 408 381	2 300 181	2 777 549	2 962 040	2 666 401
Radio, television and communication apparatus and professional equipment	14 044 807	1 046 520	1 323 940	1 032 838	1 130 766	1 187 273	1 125 565
-Radio, television and communication apparatus	7 918 053	634 187	754 228	602 057	670 486	663 610	642 427
-Professional equipment	6 126 754	412 333	569 712	430 781	460 280	523 664	483 138
Motor vehicles, parts and accessories and other transport equipment	174 952 012	10 312 776	16 964 668	10 830 321	13 963 447	14 976 553	14 747 695
-Motor vehicles	88 029 955	5 612 203	8 683 467	5 560 894	7 492 994	7 598 674	7 426 170
-Bodies for motor vehicles, trailers and semi-trailers	7 562 360	469 191	794 460	445 929	569 746	643 621	549 481
-Parts and accessories	66 300 491	3 323 155	6 340 259	3 949 846	4 802 011	5 632 814	5 721 852
-Other transport equipment	13 059 206	908 227	1 146 482	873 652	1 098 696	1 101 444	1 050 192
Furniture and other manufacturing division	53 443 145	3 723 290	5 341 217	3 990 118	4 164 078	4 603 500	4 476 202
-Furniture	11 689 631	780 565	1 348 184	832 266	964 447	1 026 022	1 028 030
-Other manufacturing groups	41 753 514	2 942 725	3 993 033	3 157 852	3 199 632	3 577 478	3 448 172
Total	1 124 414 767	78 315 754	109 406 551	86 749 836	86 616 440	97 578 168	95 562 375

1/ Preliminary.

Table 8b - Sales of manufactured products according to manufacturing divisions and major groups (R'000) (concluded)

Manufacturing divisions and major groups	Year 2007	Value of sales			Seasonally adjusted value of sales		
		December 2006	1/ December 2007	Percentage change between December 2006 and December 2007	November 2007	December 2007	Percentage change between November and December 2007
Food and beverages	190 647 481	16 008 928	18 529 951	15,7	16 923 651	16 449 946	-2,8
-Meat, fish, fruit etc.	48 493 812	3 953 205	4 498 388	13,8	4 185 171	4 197 934	0,3
-Dairy products	16 376 318	1 402 487	1 543 440	10,1	1 473 646	1 389 012	-5,7
-Grain mill products	35 313 726	2 532 492	3 299 350	30,3	3 236 329	3 159 059	-2,4
-Other food products	40 351 907	3 046 936	3 458 168	13,5	3 711 563	3 435 126	-7,4
-Beverages	50 111 718	5 073 808	5 730 605	12,9	4 316 942	4 268 815	-1,1
Textiles, clothing, leather and footwear	41 367 661	2 704 300	2 811 636	4,0	3 583 970	3 496 178	-2,4
-Textiles	6 542 391	395 752	363 730	-8,1	570 003	530 189	-7,0
-Other textile products	10 763 295	685 833	655 798	-4,4	911 651	848 200	-7,0
-Knitted, crocheted articles	1 790 674	111 881	101 786	-9,0	144 742	142 960	-1,2
-Wearing apparel	14 642 522	1 004 888	1 150 611	14,5	1 281 363	1 316 008	2,7
-Leather and leather products	4 815 687	309 871	318 342	2,7	417 679	402 303	-3,7
-Footwear	2 813 092	196 075	221 369	12,9	258 532	256 518	-0,8
Wood and wood products, paper, publishing and printing	93 708 422	6 860 576	7 162 381	4,4	8 124 166	7 949 383	-2,2
-Sawmilling and planing of wood	6 229 337	393 551	403 005	2,4	538 775	509 954	-5,3
-Products of wood	14 195 946	861 104	924 403	7,4	1 208 894	1 198 647	-0,8
-Paper and paper products	40 522 049	3 183 222	3 274 970	2,9	3 521 895	3 484 051	-1,1
-Publishing	14 340 029	1 151 075	1 215 460	5,6	1 212 622	1 229 525	1,4
-Printing, recorded media	18 421 061	1 271 624	1 344 543	5,7	1 641 979	1 527 206	-7,0
Petroleum, chemical products, rubber and plastic products	236 864 821	16 135 170	19 961 999	23,7	21 253 666	21 651 254	1,9
-Coke, petroleum products and nuclear fuel	86 358 423	5 766 143	8 740 728	51,6	8 234 489	8 961 597	8,8
-Basic chemicals	51 892 968	3 582 012	3 925 100	9,6	4 415 086	4 415 508	0,0
-Other chemical products	54 784 494	3 968 114	4 099 729	3,3	4 783 978	4 507 869	-5,8
-Rubber products	10 222 778	705 902	665 544	-5,7	881 658	831 201	-5,7
-Plastic products	33 606 158	2 112 999	2 530 898	19,8	2 938 455	2 935 079	-0,1
Glass and non-metallic mineral products	32 977 960	2 022 684	2 146 565	6,1	2 813 417	2 724 239	-3,2
-Glass and glass products	5 844 975	451 214	472 001	4,6	490 148	514 481	5,0
-Non-metallic mineral products	27 132 985	1 571 470	1 674 564	6,6	2 323 269	2 209 758	-4,9
Basic iron and steel, non-ferrous metal products, metal products and machinery	251 237 081	17 119 862	17 983 846	5,0	21 149 932	20 275 512	-4,1
-Basic iron and steel products	98 919 595	6 718 918	7 342 778	9,3	8 434 724	8 330 595	-1,2
-Non-ferrous metal products	38 924 975	2 912 235	2 768 762	-4,9	3 229 667	2 826 115	-12,5
-Structural metal products	18 316 152	1 048 788	1 169 589	11,5	1 624 217	1 499 157	-7,7
-Other fabricated metal products	36 531 174	2 182 760	2 174 501	-0,4	3 083 584	2 675 446	-13,2
-General purpose machinery	21 924 770	1 548 884	1 708 228	10,3	1 820 234	1 848 195	1,5
-Special purpose machinery	26 731 235	2 036 396	2 216 603	8,8	2 170 341	2 344 443	8,0
-Household appliances	9 889 180	671 881	603 385	-10,2	787 165	751 560	-4,5
-Electrical machinery	35 171 377	2 381 648	2 300 181	-3,4	2 962 040	2 666 401	-10,0
Radio, television and communication apparatus and professional equipment	14 044 807	1 046 520	1 032 838	-1,3	1 187 273	1 125 565	-5,2
-Radio, television and communication apparatus	7 918 053	634 187	602 057	-5,1	663 610	642 427	-3,2
-Professional equipment	6 126 754	412 333	430 781	4,5	523 664	483 138	-7,7
Motor vehicles, parts and accessories and other transport equipment	174 952 012	10 312 776	10 830 321	5,0	14 976 553	14 747 695	-1,5
-Motor vehicles	88 029 955	5 612 203	5 560 894	-0,9	7 598 674	7 426 170	-2,3
-Bodies for motor vehicles, trailers and semi-trailers	7 562 360	469 191	445 929	-5,0	643 621	549 481	-14,6
-Parts and accessories	66 300 491	3 323 155	3 949 846	18,9	5 632 814	5 721 852	1,6
-Other transport equipment	13 059 206	908 227	873 652	-3,8	1 101 444	1 050 192	-4,7
Furniture and other manufacturing division	53 443 145	3 723 290	3 990 118	7,2	4 603 500	4 476 202	-2,8
-Furniture	11 689 631	780 565	832 266	6,6	1 026 022	1 028 030	0,2
-Other manufacturing groups	41 753 514	2 942 725	3 157 852	7,3	3 577 478	3 448 172	-3,6
Total	1 124 414 767	78 315 754	86 749 836	10,8	97 578 168	95 562 375	-2,1

1/ Preliminary.

Table 9 - Percentage change between the current quarter and the corresponding quarter of the previous year in the physical volume of manufacturing production and sales according to manufacturing divisions and major groups

Manufacturing divisions and major groups	Weights	Indices (base 2000=100)			Value of sales (R '000)		
		October to December 2006	October to December 2007	Annual percentage change between October to December 2006 and October to December 2007	October to December 2006	October to December 2007	Annual percentage change between October to December 2006 and October to December 2007
Food and beverages	16,4	129,6	132,4	2,2	46 507 393	55 078 479	18,4
-Meat, fish, fruit etc.	2,6	126,6	130,8	3,3	11 609 684	13 553 490	16,7
-Dairy products	1,1	122,9	120,5	-2,0	4 110 443	4 715 967	14,7
-Grain mill products	1,5	127,6	128,9	1,0	7 519 980	10 141 781	34,9
-Other food products	6,8	120,6	117,3	-2,7	10 119 223	11 640 195	15,0
-Beverages	4,3	148,1	161,6	9,1	13 148 063	15 027 046	14,3
Textiles, clothing, leather and footwear	5,4	104,6	108,1	3,3	10 348 484	11 210 174	8,3
-Textiles	1,2	79,4	76,4	-3,8	1 569 629	1 614 156	2,8
-Other textile products	1,2	126,3	126,1	-0,2	2 715 551	2 826 110	4,1
-Knitted, crocheted articles	0,3	83,6	76,1	-9,0	451 920	431 992	-4,4
-Wearing apparel	2,0	115,9	126,3	9,0	3 743 560	4 245 447	13,4
-Leather and leather products	0,3	99,6	102,4	2,8	1 129 157	1 233 284	9,2
-Footwear	0,4	85,1	93,0	9,3	738 667	859 185	16,3
Wood and wood products, paper, publishing and printing	11,0	123,7	123,8	0,1	23 315 530	25 116 364	7,7
-Sawmilling and planing of wood	0,7	118,4	108,8	-8,1	1 521 755	1 596 525	4,9
-Products of wood	1,0	134,4	130,5	-2,9	3 377 442	3 733 384	10,5
-Paper and paper products	4,8	118,7	119,2	0,4	10 112 175	10 691 088	5,7
-Publishing	2,4	134,9	135,7	0,6	3 667 787	3 922 865	7,0
-Printing, recorded media	2,1	118,9	122,3	2,9	4 636 371	5 172 502	11,6
Petroleum, chemical products, rubber and plastic products	22,5	123,8	134,7	8,8	55 396 489	66 542 013	20,1
-Coke, petroleum products and nuclear fuel	9,1	94,6	107,8	14,0	19 070 462	25 226 589	32,3
-Basic chemicals	4,0	148,0	155,5	5,1	12 530 604	14 277 689	13,9
-Other chemical products	5,4	141,8	147,2	3,8	13 535 874	14 886 232	10,0
-Rubber products	1,1	85,1	81,1	-4,7	2 513 642	2 676 267	6,5
-Plastic products	3,0	163,8	187,3	14,3	7 745 907	9 475 236	22,3
Glass and non-metallic mineral products	3,9	138,4	139,6	0,9	7 848 674	8 537 862	8,8
-Glass and glass products	1,1	169,6	170,6	0,6	1 577 435	1 643 627	4,2
-Non-metallic mineral products	2,9	126,7	128,1	1,1	6 271 239	6 894 235	9,9
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	125,5	126,5	0,8	59 902 266	64 594 579	7,8
-Basic iron and steel products	5,5	112,4	109,2	-2,8	23 505 475	25 269 653	7,5
-Non-ferrous metal products	4,7	121,0	119,5	-1,2	9 450 639	9 816 319	3,9
-Structural metal products	1,3	128,3	144,3	12,5	4 164 206	4 827 261	15,9
-Other fabricated metal products	4,2	131,7	140,4	6,6	8 249 975	9 432 913	14,3
-General purpose machinery	2,4	120,6	123,6	2,5	5 324 361	5 814 703	9,2
-Special purpose machinery	3,2	145,7	144,0	-1,2	6 667 856	6 928 408	3,9
-Household appliances	1,2	135,8	127,1	-6,4	2 539 754	2 505 322	-1,4
Electrical machinery	2,7	110,4	110,8	0,4	8 500 056	9 137 287	7,5
Radio, television and communication apparatus and professional equipment	1,3	114,6	118,7	3,6	3 472 956	3 591 420	3,4
-Radio, television and communication apparatus	0,7	107,0	104,7	-2,1	2 104 513	2 051 884	-2,5
-Professional equipment	0,6	122,3	132,9	8,7	1 368 443	1 539 536	12,5
Motor vehicles, parts and accessories and other transport equipment	8,6	143,3	149,0	4,0	41 656 133	45 191 024	8,5
-Motor vehicles	4,1	149,3	147,7	-1,1	22 527 728	23 176 797	2,9
-Bodies for motor vehicles, trailers and semi-trailers	0,4	204,3	219,0	7,2	1 764 902	1 990 626	12,8
-Parts and accessories	3,1	142,1	158,3	11,4	14 375 029	16 802 123	16,9
-Other transport equipment	1,0	99,2	99,1	-0,1	2 988 474	3 221 478	7,8
Furniture and other manufacturing division	5,8	121,8	131,3	7,8	13 056 143	14 353 405	9,9
-Furniture	1,6	164,4	166,0	1,0	3 290 766	3 453 978	5,0
-Other manufacturing groups	4,2	105,7	118,3	11,9	9 765 377	10 899 427	11,6
Total	100,0	125,8	130,2	3,5	270 004 124	303 352 607	12,4

Table 10 - Annual percentage change in the physical volume of manufacturing production and value of sales according to manufacturing divisions and major groups

Manufacturing divisions and major groups	Weights	Indices (base 2000=100)				Value of sales (R million)			
		Jan. to Dec. 2006	Jan. to Dec. 2007	Annual percentage change between 2006 and 2007	Contribution (percentage points)	Jan. to Dec. 2006	Jan. to Dec. 2007	Annual percentage change between 2006 and 2007	Difference in sales between 2006 and 2007
Food and beverages	16,4	119,7	124,5	4,0	0,7	162 973	190 647	17,0	27 674
-Meat, fish, fruit etc.	2,6	124,5	130,6	4,9	0,1	41 176	48 494	17,8	7 318
-Dairy products	1,1	110,4	112,3	1,7	0,0	14 566	16 376	12,4	1 810
-Grain mill products	1,5	124,3	129,2	3,9	0,1	27 228	35 314	29,7	8 086
-Other food products	6,8	110,4	111,2	0,7	0,0	36 471	40 352	10,6	3 881
-Beverages	4,3	132,3	143,3	8,3	0,4	43 532	50 112	15,1	6 580
Textiles, clothing, leather and footwear	5,4	99,8	102,3	2,5	0,1	38 738	41 368	6,8	2 630
-Textiles	1,2	80,6	80,0	-0,7	0,0	6 176	6 542	5,9	366
-Other textile products	1,2	120,5	118,8	-1,4	0,0	10 386	10 763	3,6	377
-Knitted, crocheted articles	0,3	80,7	81,8	1,4	0,0	1 710	1 791	4,7	81
-Wearing apparel	2,0	106,7	113,6	6,5	0,1	13 475	14 643	8,7	1 168
-Leather and leather products	0,3	98,2	101,6	3,5	0,0	4 370	4 816	10,2	446
-Footwear	0,4	82,2	84,8	3,2	0,0	2 620	2 813	7,4	193
Wood and wood products, paper, publishing and printing	11,0	116,1	117,6	1,3	0,1	85 858	93 708	9,1	7 850
-Sawmilling and planing of wood	0,7	118,3	116,8	-1,3	0,0	5 769	6 229	8,0	460
-Products of wood	1,0	130,5	133,7	2,5	0,0	12 546	14 196	13,2	1 650
-Paper and paper products	4,8	112,6	113,4	0,7	0,0	37 847	40 522	7,1	2 675
-Publishing	2,4	120,1	124,8	3,9	0,1	12 635	14 340	13,5	1 705
-Printing, recorded media	2,1	111,8	111,6	-0,2	0,0	17 061	18 421	8,0	1 360
Petroleum, chemical products, rubber and plastic products	22,5	115,7	124,1	7,3	1,6	199 465	236 865	18,8	37 400
-Coke, petroleum products and nuclear fuel	9,1	95,0	97,0	2,1	0,2	71 375	86 358	21,0	14 983
-Basic chemicals	4,0	125,4	142,3	13,5	0,5	43 317	51 893	19,8	8 576
-Other chemical products	5,4	130,6	139,8	7,0	0,4	48 088	54 784	13,9	6 696
-Rubber products	1,1	89,6	82,9	-7,5	-0,1	9 634	10 223	6,1	589
-Plastic products	3,0	149,5	170,4	14,0	0,4	27 051	33 606	24,2	6 555
-Glass and non-metallic mineral products	3,9	130,4	136,5	4,7	0,2	29 410	32 978	12,1	3 568
-Glass and glass products	1,1	150,7	155,2	3,0	0,0	5 395	5 845	8,3	450
-Non-metallic mineral products	2,9	122,9	129,5	5,4	0,2	24 015	27 133	13,0	3 118
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	120,7	126,3	4,6	1,0	211 933	251 237	18,5	39 304
-Basic iron and steel products	5,5	111,7	111,8	0,1	0,0	79 266	98 920	24,8	19 654
-Non-ferrous metal products	4,7	119,3	118,9	-0,3	0,0	33 504	38 925	16,2	5 421
-Structural metal products	1,3	123,8	137,2	10,8	0,1	15 644	18 316	17,1	2 672
-Other fabricated metal products	4,2	123,9	140,7	13,6	0,6	30 246	36 531	20,8	6 285
-General purpose machinery	2,4	112,3	119,9	6,8	0,2	19 554	21 925	12,1	2 371
-Special purpose machinery	3,2	134,7	142,6	5,9	0,2	24 012	26 731	11,3	2 719
-Household appliances	1,2	134,4	130,1	-3,2	0,0	9 706	9 889	1,9	183
-Electrical machinery	2,7	104,9	106,7	1,7	0,0	29 648	35 171	18,6	5 523
-Radio, television and communication apparatus and professional equipment	1,3	109,7	116,8	6,5	0,1	12 960	14 045	8,4	1 085
-Radio, television and communication apparatus	0,7	96,3	100,1	3,9	0,0	7 541	7 918	5,0	377
-Professional equipment	0,6	123,4	133,8	8,4	0,1	5 419	6 127	13,1	708
Motor vehicles, parts and accessories and other transport equipment	8,6	145,5	144,7	-0,5	0,0	156 134	174 952	12,1	18 818
-Motor vehicles	4,1	149,0	140,7	-5,6	-0,2	84 832	88 030	3,8	3 198
-Bodies for motor vehicles, trailers and semi-trailers	0,4	188,8	217,2	15,0	0,1	6 236	7 562	21,3	1 326
-Parts and accessories	3,1	151,3	154,6	2,2	0,1	53 953	66 300	22,9	12 347
-Other transport equipment	1,0	96,2	103,1	7,2	0,0	11 112	13 059	17,5	1 947
Furniture and other manufacturing division	5,8	113,2	119,9	5,9	0,3	47 474	53 443	12,6	5 969
-Furniture	1,6	142,9	142,7	-0,1	0,0	11 112	11 690	5,2	578
-Other manufacturing groups	4,2	102,0	111,3	9,1	0,4	36 362	41 754	14,8	5 392
Total	100,0	119,3	124,2	4,1	4,1	974 593	1 124 415	15,4	149 822

1/ The contribution (percentage points) is calculated by multiplying the percentage change of each manufacturing group or division with the weight of the group or division, divided by 100.

Explanatory notes

- Introduction**
- 1 Statistics South Africa (Stats SA) conducts a monthly survey of the manufacturing industry, covering manufacturing enterprises. This statistical release contains the results of a sample drawn from the new business register, with enhanced coverage of South African businesses (see 4 below). The release contains monthly indices of the physical volume of manufacturing production and monthly value of sales of manufactured products by divisions and major groups within manufacturing.
 - 2 In accordance with international practice, the indices are re-based every five years to a new base year. The base period of the index is 2000. Both estimated and seasonally adjusted figures are presented.
 - 3 In order to improve timeliness, some information for the latest month has had to be estimated for respondents who have not reported by the cut-off date for production of results. These estimates will be revised in future statistical releases when their reported information becomes available.
 - 4 As indicated earlier, Stats SA is continuously upgrading its new business register, based on units registered for value-added tax (VAT) and income tax (IT), obtained from the South African Revenue Service (SARS).
- Purpose of the survey**
- 5 The results of the monthly manufacturing production and sales survey are used to calculate indices of the physical volume of manufacturing production. These indices provide an indicator of the real level of manufacturing activity in the economy. They are used in monitoring the state of the economy and formulation of economic policy. They are also important inputs to estimation of the Gross Domestic Product (GDP).
- Special Data Dissemination Standard of the IMF**
- 6 The data in this statistical release adhere to the Special Data Dissemination Standard (SDDS) of the International Monetary Fund (IMF), which sets out standards on coverage, periodicity and timeliness of data, access by the public, integrity, and quality of the disseminated data.
- Scope of the survey**
- 7 This survey covers manufacturing enterprises, i.e. those conducting activities in -
 - the manufacturing, processing, making or packing of products;
 - the slaughtering of animals, including poultry; and
 - installation, assembly, completion, repair and related work.
- Classification**
- 8 The 1993 edition of the *Standard Industrial Classification of all Economic Activities (SIC)*, Fifth Edition, Report No. 09-90-02, was used to classify the statistical units in the survey. The SIC is based on the 1990 *International Standard Industrial Classification of all Economic Activities (ISIC)* with suitable adaptations for local conditions. Statistics in this publication are presented at SIC division (two digit) and major group (three digit) level. Each enterprise is classified to an industry which reflects its predominant activity.
- Response rate**
- 9 The preliminary response rate for the survey on manufacturing production and sales for December 2007 was 84,1%. Improved response rate for November 2007 was 85,2%.
- Statistical unit**
- 10 The statistical unit for which information is compiled and published is the enterprise, defined as a legal unit or a combination of legal units that includes and directly controls all functions necessary to carry out its production activities. The statistical units are derived from and linked to the South African Revenue Service (SARS) administrative data.

- Survey methodology and design**
- 11 The survey is conducted monthly. Questionnaires are sent to a sample of approximately 3 100 enterprises. Completed questionnaires are required to be returned to Stats SA within 10 days after the end of the reference month. Fax and telephone reminders are used to follow up non-respondents.
 - 12 The value of sales of manufactured products is obtained monthly from the sample of 3 046 enterprises, which was drawn in May 2007 from a population then of 56 801 manufacturing enterprises. Each manufacturing major group is divided into four size groups. The sample is drawn at the SIC three-digit level. All large enterprises (size group one), are completely enumerated. Simple random sampling is applied for size group two (medium sized) enterprises, and for size groups three and four (small) enterprises. The total value of sales of manufactured products of large enterprises (size group one) in a major group is added to the weighted totals of size groups two, three and four of that major group to reflect the total value of sales of the major group.
 - 13 The calculation of the monthly production indices is based on the value of sales of products and articles manufactured and change in monthly value of stocks of manufactured products, after the effect of price changes has been eliminated through deflation using appropriate indices of the Production Price Index (PPI). For 38 of the 44 major groups in manufacturing, the value of production is calculated from the value of sales and stocks of manufactured products obtained from the monthly survey of manufacturing enterprises.
 - 14 More direct indicators are used for the value of production of tobacco, coke and refined petroleum products, basic iron and steel products, basic precious and non-ferrous metal products, motor vehicles and parts and accessories for motor vehicles. The volume indices for these major groups are calculated on the basis of physical quantities. This method is used by the national statistical agencies of many other countries for petroleum products as the results are considered more satisfactory (mainly because these commodities are relatively homogeneous).
- Weighting methodology**
- 15 For those strata not completely enumerated, the weights to produce estimates are the inverse ratio of the sampling fraction, modified to take account of non-response in the survey. Stratum estimates are calculated and then aggregated with the completely enumerated stratum to form division estimates. These procedures, which are in line with international best practice, are described in more detail on the Stats SA website at www.statssa.gov.za/publications/publicationsearch.asp.
 - 16 For indices, a weight is calculated for every major group according to the value added of the major group relative to the total value added of the manufacturing industry as a whole, based on the results of the most recent census of manufacturing or large sample survey of the manufacturing industry. For the period 1996 to 2000, the weights are based on the 1996 Census of Manufacturing and for the period 2001 to 2007, the weights are based on the 2001 large sample survey of the manufacturing industry. Weights between census years are fixed. The production indices of all divisions are multiplied by the applicable weights and aggregated to produce the index for the total physical volume of manufacturing production (see table E for the fixed weights which were used for the two periods 1996 to 2000 and 2001 to 2007).
- Seasonal adjustment**
- 17 Seasonally adjusted estimates of all major groups are generated each month, using the X-11 Seasonal Adjustment Programme developed by the US Bureau of the Census, 1968. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series can be more clearly recognised. Seasonal adjustment does not aim to remove irregular or non-seasonal influences, which may be present in any particular month. Influences that are volatile or unsystematic can still make it difficult to interpret the movement of the series even after adjustment for seasonal variations. Therefore the month-to-month movements of seasonally adjusted estimates may not be reliable indicators of trend behaviour.

- Trend cycle** 18 The trend is the long-term pattern or movement of a time series. The X-11 Seasonal Adjustment Programme is used for smoothing seasonally adjusted estimates to estimates of the underlying trend cycle.
- Reliability of estimates** 19 Data presented in this publication are based on information obtained from a sample and are, therefore, subject to sampling variability; that is, they may differ from the figures that would have been produced if the data had been obtained from all enterprises in the manufacturing industry in South Africa. Estimates are subject to sampling and non-sampling errors.
- 20 Inaccuracies may occur because of imperfections in reporting by enterprises and errors made in the collection and processing of the data. Inaccuracies of this kind are referred to as non-sampling errors. Every effort is made to minimise non-sampling errors by careful design of questionnaires, testing them in pilot studies, editing reported data and implementing efficient operating procedures. Fluctuations may occur in consecutive months as a result of seasonal and economic factors.
- Revised figures** 21 Revised figures are due to late submission of data to Stats SA, or to respondents reporting revisions or corrections to their figures. Preliminary figures are indicated in the relevant tables. Data are edited at the enterprise level.
- Related publications** 22 Users may also wish to refer to the following publications available from Stats SA -
- *Bulletin of Statistics* issued quarterly.
 - *SA Statistics* issued annually.
- Rounding of figures** 23 The figures in the tables have, where necessary, been rounded to the nearest digit shown.
- Pre-release policy** 24 Stats SA's pre-release policy may be inspected at its website, www.statssa.gov.za
- Symbols and abbreviations** 25
- | | |
|----------|---|
| GDP | Gross Domestic Product |
| ISIC | International Standard Industrial Classification |
| m | Million |
| SIC | Standard Industrial Classification of all Economic Activities |
| SARS | South African Revenue Service |
| Stats SA | Statistics South Africa |
| VAT | Value-added tax |
| 1/ | Preliminary figures |
| * | Revised figures |

Technical notes

26 Neyman optimal allocation

Before drawing a sample in the survey the population of enterprises on the BSF was stratified. Strata were formed using a combination of Standard Industrial Classification variable and the measure of size variable for enterprises. The Neyman optimal allocation formula used to allocate samples to each stratum is given by a formula below.

$$n_h = \frac{N_h S_h}{\sum N_h S_h}$$

where N_h and S_h are the stratum population size and the stratum variance, respectively.

Class limits: Manufacturing

Enterprise size	Lower limits	Upper limits
Very small	0	5 000 000
Small	5 000 001	13 000 000
Medium	13 000 001	102 000 000
Large	102 000 001	

Glossary

Enterprise	The enterprise is a legal entity or a combination of legal units that includes and directly controls all functions necessary to carry out its production activities.
Index of physical volume of manufacturing production	The index of physical volume of manufacturing production, also known as a production index, is a statistical measure of the change in the volume of production. The production index of a major group is the ratio between the volume of production of a major group in a given period and the volume of production of the same major group in the base period. The base period is 2000. The production in the base period is set at 100.
Industry	An industry is made up of enterprises engaged in the same or similar kinds of economic activity. Industries are defined in the <i>System of National Accounts (SNA)</i> in the same way as in the <i>1993 Standard Industrial Classification of all Economic Activities</i> , Fifth Edition, Report No. 09-90-02 of January 1993 (SIC).
Intermediate consumption	Intermediate consumption includes - <ul style="list-style-type: none">• purchases and transfers-in of materials;• payments to other establishments for work done;• other direct factory costs;• rent and leasing paid;• head office charges;• royalties, copyright, trade names and patent rights paid;• advertising;• insurance premiums;• services; and• secretarial and administrative fees.
Output	Output is the aggregate value of goods manufactured and work done and includes - <ul style="list-style-type: none">• sales and transfers-out of own manufactures, factory waste and stocks of factored goods;• repairs;• installation, erection and assembly;• sundry trading revenue;• sales of factored goods minus purchases of factored goods;• rent and leasing received;• royalties received;• difference between opening value and closing value of work in progress, stocks of own manufactures and stocks of factored goods;• head office charges; and• other revenue. Output excludes excise and customs duty paid.
Value added	Value added is the value of output less intermediate consumption. It represents the value added to the cost of the materials used in the process of production.
Sales	Sales are the total value of sales and transfers-out of all own manufactured products/articles and the amounts received for installation, erection or assembly or other services rendered.
Turnover	Turnover refers to - <ul style="list-style-type: none">• the value of sales and transfers out of all own manufactured products/articles;• amounts received for work done; and• amounts received for services rendered.

Turnover excludes -

- value-added tax (VAT);
- export freight charges; and
- excise duty.

Weight

The weight of a major group of manufacturing in the overall index for manufacturing is the ratio of the value added of the major group (i.e. output of a major group minus intermediate consumption) to the total value added of the manufacturing industry. The weight reflects the importance of the major group in the total. The weights change over time due to changes in the relative performance of industries, due to factors such as quality changes, changes in relative prices, and changes in customer preferences. New weights need to be calculated from time to time.

Table E – Weights according to manufacturing major groups

Manufacturing divisions and major groups	Weights according to the 2001 large sample survey of the manufacturing industry 2001 - 2007	Weights according to the 1996 census of manufacturing 1996 - 2000
Food and beverages	16,4	15,3
Meat, fish, fruit, etc.	2,6	2,8
Dairy products	1,1	1,4
Grain mill products	1,5	2,1
Other food products	6,8	4,4
Beverages	4,3	4,6
Textiles, clothing, leather and footwear	5,4	7,8
Textiles	1,2	1,7
Other textile products	1,2	1,2
Knitted, crocheted articles	0,3	0,6
Wearing apparel	2,0	3,0
Tanning, dressing of leather	0,3	0,4
Footwear	0,4	0,9
Wood and wood products, paper, publishing and printing	11,0	11,4
Sawmilling and planing of wood	0,7	0,8
Products of wood	1,0	1,2
Paper and paper products	4,8	5,3
Publishing	2,4	1,5
Printing, recorded media	2,1	2,6
Petroleum, chemical products, rubber and plastic products	22,5	19,3
Petroleum products	9,1	4,2
Basic chemicals	4,0	4,5
Other chemical products	5,4	6,2
Rubber products	1,1	1,4
Plastic products	3,0	3,1
Glass and non-metallic mineral products	3,9	4,5
Glass and glass products	1,1	1,0
Non-metallic mineral products	2,9	3,5
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	23,6
Basic iron and steel products	5,5	7,6
Non-ferrous metal products	4,7	3,2
Structural metal products	1,3	2,4
Other fabricated metal products	4,2	4,6
General purpose machinery	2,4	2,5
Special purpose machinery	3,2	2,9
Household appliances	1,2	0,4
Electrical machinery	2,7	3,4
Radio, television and communication apparatus and professional equipment	1,3	1,5
Radio, television and communication apparatus	0,7	1,0
Professional equipment	0,6	0,5
Motor vehicles, parts and accessories and other transport equipment	8,6	9,1
Motor vehicles	4,1	4,5
Bodies for motor vehicles, trailers and semi-trailers	0,4	0,5
Parts and accessories	3,1	3,0
Other transport equipment	1,0	1,0
Other manufacturing divisions	5,8	4,1
Furniture	1,6	1,6
Other manufacturing groups	4,2	2,6
Total	100,0	100,0

General information

Stats SA publishes approximately 300 different statistical releases each year. It is not economically viable to produce them in more than one of South Africa's eleven official languages. Since the releases are used extensively, not only locally but also by international economic and social-scientific communities, Stats SA releases are published in English.

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Enquiries

Telephone number:	(012) 310 8233/8249 (technical enquiries) (012) 310 8161 (orders) (012) 310 4883/4885/8018 (library)
Fax number:	(012) 310 8664 (technical enquiries)
Email address:	Teresam@statssa.gov.za (technical enquiries) info@statssa.gov.za (user information services) distribution@statssa.gov.za (orders)
Postal address:	Private Bag X44, Pretoria, 0001

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